

02/20/02

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PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

520.41161X00

First Inventor

SATOH, NAOKI

Title

**SERVO DETECTION CONTROL SYSTEM, SERVO DETECTION  
CONTROL METHOD AND HARD DISK DRIVE**

Express Mail Label No.

**APPLICATION ELEMENTS**

**SEE MPEP chapter 600 concerning utility patent application contents.**

**ADDRESS TO:**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.

3. ☒ Specification [Total Pages: **48**]  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,  
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Pages: **18**]

5. Oath or Declaration [Total Pages: \_\_\_\_\_]

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b)

6. ☐ Application Data Sheet See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies), or

ii. ☐ paper

c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & documents(s))

10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure ☐ Copies of IDS Citations  
Statement (IDS)/PTO-1449

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.

17. ☒ Other **CREDIT CARD PAYMENT FORM; FIGS. 1-18**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.

Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label

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or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name

**ANTONELLI, TERRY, STOUT & KRAUS, LLP**

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Name

**Melvin Kraus**

Registration No. (Attorney/Agent)

**22,466**

Signature

*Melvin Kraus*

Date

**February 20, 2002**

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# FEE TRANSMITTAL for FY 2002

*Patent fees are subject to annual revision.*

## Complete if Known

|                      |                   |
|----------------------|-------------------|
| Application Number   |                   |
| Filing Date          | February 20, 2002 |
| First Named Inventor | SATOH, NAOKI      |
| Examiner Name        |                   |
| Group Art Unit       |                   |
| Attorney Docket No.  | 520.41161X00      |

**TOTAL AMOUNT OF PAYMENT** (\$ 842.00)

### METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:  
Deposit Account Number 01-2135  
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP  
☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant Claims small entity status See 37 CFR 1.27

2. ☒ Payment Enclosed:  
☐ Check ☒ Credit Card ☐ Money Order ☐ Other

### FEE CALCULATION

#### 2. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101            | 740             | 201            | 370             | Utility filing fee     | 740.00   |
| 106            | 330             | 206            | 165             | Design filing fee      |          |
| 107            | 510             | 207            | 255             | Plant filing fee       |          |
| 108            | 740             | 208            | 370             | Reissue filing fee     |          |
| 114            | 160             | 214            | 80              | Provisional filing fee |          |

**SUBTOTAL (1)** 740.00

#### 1. EXTRA CLAIM FEES

| Total Claims            | Extra Claims | Fee from below | Fee Paid |
|-------------------------|--------------|----------------|----------|
| 21-20** = 1             | x 18.00      |                | = 18.00  |
| Indep. Claims 4-3** = 1 | x 84.00      |                | = 84.00  |
| Multiple Dependent      | 0.00         |                | = 0.00   |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description                                            |
|----------------|-----------------|----------------|-----------------|------------------------------------------------------------|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                     |
| 102            | 84              | 202            | 42              | Independent claims in excess of 3                          |
| 104            | 280             | 204            | 140             | Multiple dependent claim, if not paid                      |
| 109            | 84              | 209            | 42              | ** Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2) \$ 102.00**

\*\*or number previously paid, if greater; For Reissues, see above.

### FEE CALCULATION (continued)

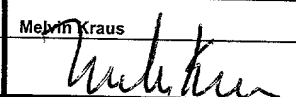
| Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description                                                            | Fee Paid |
|----------|-----------------------|-----------------------|-----------------------|----------------------------------------------------------------------------|----------|
| 105      | 130                   | 205                   | 65                    | Surcharge - late filing fee or oath                                        |          |
| 127      | 50                    | 227                   | 25                    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139      | 130                   | 139                   | 130                   | Non-English specification                                                  |          |
| 147      | 2,520                 | 147                   | 2,520                 | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112      | 920*                  | 112                   | 920*                  | Requesting publication of SIR prior to Examination action                  |          |
| 113      | 1,840*                | 113                   | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 115      | 110                   | 215                   | 55                    | Extension for reply within first month                                     |          |
| 116      | 400                   | 216                   | 200                   | Extension for reply within second month                                    |          |
| 117      | 920                   | 217                   | 460                   | Extension for reply within third month                                     |          |
| 118      | 1,440                 | 218                   | 720                   | Extension for reply within fourth month                                    |          |
| 128      | 1,960                 | 228                   | 980                   | Extension for reply within fifth month                                     |          |
| 119      | 320                   | 219                   | 160                   | Notice of Appeal                                                           |          |
| 120      | 320                   | 220                   | 160                   | Filing a brief in support of an appeal                                     |          |
| 121      | 280                   | 221                   | 140                   | Request for oral hearing                                                   |          |
| 138      | 1,510                 | 138                   | 1,510                 | Petition to institute a public use proceeding                              |          |
| 140      | 110                   | 240                   | 55                    | Petition to revive - unavoidable                                           |          |
| 141      | 1,280                 | 241                   | 640                   | Petition to revive - unintentional                                         |          |
| 142      | 1,280                 | 242                   | 640                   | Utility issue fee (or reissue)                                             |          |
| 143      | 460                   | 243                   | 230                   | Design issue fee                                                           |          |
| 144      | 620                   | 244                   | 310                   | Plant issue fee                                                            |          |
| 122      | 130                   | 122                   | 130                   | Petitions to the Commissioner                                              |          |
| 123      | 50                    | 123                   | 50                    | Processing fee under 37 CFR 1.17(q)                                        |          |
| 126      | 180                   | 126                   | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 581      | 40                    | 581                   | 40                    | Recording each patent assignment per property (times number of properties) |          |
| 146      | 740                   | 246                   | 370                   | For each additional invention to be examined (37 CFR § 1.129(a))           |          |
| 149      | 740                   | 249                   | 370                   | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179      | 740                   | 279                   | 370                   | Request for Continued Examination (RCE)                                    |          |
| 169      | 900                   | 169                   | 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 0.00)**

### SUBMITTED BY

|                                                                                               |  |                                                 |  |                               |  |
|-----------------------------------------------------------------------------------------------|--|-------------------------------------------------|--|-------------------------------|--|
| Name (Print/Type) <b>Melvin Kraus</b>                                                         |  | Registration No. (Attorney/Agent) <b>22,466</b> |  | Telephone <b>703-312-6600</b> |  |
| Signature  |  | Date <b>02/20/02</b>                            |  |                               |  |

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